

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An image processing apparatus which transmits a codestream through a transmission path, the codestream being created from an image by dividing the image into rectangular portions and performing a discrete wavelet transform, a quantization and an entropy encoding for the respective rectangular portions of the image, the image processing apparatus comprising:

an error resilience inserting unit inserting error resilience to respective code data of the rectangular portions prior to the entropy coding; and

an error resilience setting unit setting intensities of the error resilience inserted to the respective code data for the error resilience inserting unit, so that the error resilience intensities are different according to base units of the respective code data.

Claim 2 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to respective portions of the image.

Claim 3 (Original): The image processing apparatus of claim 2 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data of the rectangular portions constituting a character part of the image is higher than an intensity of the error resilience inserted to code data of the rectangular portions constituting a picture image part of the image.

Claim 4 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error

resilience inserted to code data of the rectangular portions constituting a central part of the image is higher than an intensity of the error resilience inserted to code data of the rectangular portions constituting a circumferential part of the image.

Claim 5 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data of the rectangular portions constituting a portrait image part of the image is higher than an intensity of the error resilience inserted to code data of the rectangular portions constituting other image parts of the image.

Claim 6 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to quality-of-image components of the code data.

Claim 7 (Original): The image processing apparatus of claim 6 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to a high order layer of the quality-of-image components is higher than an intensity of the error resilience inserted to code data belonging to a low order layer of the quality-of-image components.

Claim 8 (Original): The image processing apparatus of claim 6 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to an LL component of the quality-of-image components is higher than an intensity of the error resilience inserted to code data belonging to other components of the quality-of-image components.

Claim 9 (Original): The image processing apparatus of claim 6 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to a brightness component of the quality-of-image components is higher than an intensity of the error resilience inserted to code data belonging to a color-difference component of the quality-of-image components.

Claim 10 (Original): The image processing apparatus of claim 6 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to a ROI component of the quality-of-image components is higher than an intensity of the error resilience inserted to code data belonging to other components of the quality-of-image components.

Claim 11 (Original): The image processing apparatus of claim 1 wherein the image includes a plurality of frames and the codestream is created from each of the plurality of frames, and wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to the frames of the code data.

Claim 12 (Original): The image processing apparatus of claim 11 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to a periodically appearing frame of the plurality of frames is higher than an intensity of the error resilience inserted to code data belonging to other frames of the plurality of frames.

Claim 13 (Original): The image processing apparatus of claim 11 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to an irregularly appearing frame of the plurality of frames is higher than an intensity of the error resilience inserted to code data belonging to other frames of the plurality of frames.

Claim 14 (Original): The image processing apparatus of claim 11 wherein the error resilience setting unit sets the intensities of the error resilience so that an intensity of the error resilience inserted to code data belonging to a greatly changed frame of the plurality of frames is higher than an intensity of the error resilience inserted to code data belonging to other frames of the plurality of frames.

Claim 15 (Original): The image processing apparatus of claim 1 further comprising a detection unit detecting a congestion state of the transmission path, wherein the error resilience setting unit is provided to change the setting of the intensities of the error resilience according to a detected congestion state of the transmission path.

Claim 16 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to respective tiles of the image.

Claim 17 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to respective precincts of the image.

Claim 18 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to respective code-blocks of the image.

Claim 19 (Original): The image processing apparatus of claim 1 wherein the error resilience setting unit sets the intensities of the error resilience so that the error resilience intensities are different according to respective packets of the image.

Claim 20 (Cancelled).

Claim 21 (Original): A computer-readable storage medium storing a program embodied therein for causing a computer of an image processing apparatus to execute an image processing method which transmits a codestream through a transmission path, the codestream being created from an image by dividing the image into rectangular portions and performing a discrete wavelet transform, a quantization and an entropy encoding for the respective rectangular portions of the image, the method comprising steps of:

inserting error resilience to respective code data of the rectangular portions prior to the entropy coding; and

setting intensities of the error resilience inserted to the respective code data for the error resilience inserting step, so that the error resilience intensities are different according to base units of the respective code data.